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(FILE 'HOME' ENTERED AT 13:52:59 ON 07 JUL 2004)

FILE 'REGISTRY' ENTERED AT 13:53:06 ON 07 JUL 2004

L1	1 S ISOPHORONENITRILE/CN
L2	1 S ISOPHORONE/CN
L3	1 S HYDROGEN CYANIDE/CN
L4	0 S HCN/CF
L5	0 S HCN/CN
L6	1 S CALCIUM OXIDE/CN

FILE 'CAPLUS, USPATFULL, CA, CAOLD' ENTERED AT 13:59:24 ON 07 JUL 2004

L7	71 S L1 AND L2
L8	35 S L7 AND L3
L9	3 S L8 AND L6
L10	42 S L7 AND HCN
L11	11 S L10 NOT L8
L12	0 S L11 AND L6
L13	2 DUP REM L9 (1 DUPLICATE REMOVED)

ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1

AN 2004:386596 CAPLUS
 DN 140:391385
 TI Regioselective hydrocyanation process for the calcium oxide-catalyzed preparation of isophorone nitrile from hydrogen cyanide and isophorone
 IN Kunsmann-Keitel, Dagmar; Braun, Gerold; Muenster, Ingo; Mundinger, Klaus; Scherhag, Gunter; Siegel, Wolfgang
 PA BASF Aktiengesellschaft, Germany
 SO Eur. Pat. Appl., 5 pp.
 CODEN: EPXXDW

DT Patent
 LA German

FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1418172	A2	20040512	EP 2003-25652	20031107
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	DE 10251680	A1	20040519	DE 2002-10251680	20021107
	JP 2004155785	A2	20040603	JP 2003-375444	20031105
	US 2004092761	A1	20040513	US 2003-701513	20031106

PRAI DE 2002-10251680 A 20021107

OS CASREACT 140:391385

AB A regioselective hydrocyanation process for the calcium oxide-catalyzed preparation of isophorone nitrile from hydrogen cyanide and isophorone is presented in which the calcium oxide regioselective hydrocyanation catalyst has a BET surface area of >1.5 m²/g.

L13 ANSWER 2 OF 2 USPATFULL on STN

AN 2004:121345 USPATFULL

TI CaO-catalyzed preparation of isophoronenitrile

IN Kunsmann-Keitel, Dagmar Pascale, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF

Braun, Gerold, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF
 Munster, Ingo, Bohl-Iggelheim, GERMANY, FEDERAL REPUBLIC OF
 Mundinger, Klaus, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
 Scherhag, Gunter, Heidelberg, GERMANY, FEDERAL REPUBLIC OF
 Siegel, Wolfgang, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF

PI US 2004092761 A1 20040513

AI US 2003-701513 A1 20031106 (10)

PRAI DE 2002-10251680 20021107

DT Utility

FS APPLICATION

LREP Herbert B. Keil, KEIL & WEINKAUF, 1350 Connecticut Ave., N.W.,
 Washington, DC, 20036

CLMN Number of Claims: 10

ECL Exemplary Claim: 1

DRWN No Drawings

LN. CNT 281

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention describes a process for preparing isophoronenitrile by adding HCN to isophorone. The catalyst used is CaO which has a BET surface area of >1.5 m²/g. The use of such a catalyst achieves high yields and selectivities.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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